

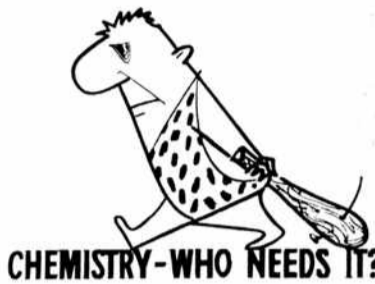
Rapidly Growing Nation Has Need Of Chemistry In Many Aspects Of Life And Union Carbide Is In Forefront In Meeting Problems

Chemical Progress Week Time To Survey

Who needs chemistry? Certainly not the character cartooned here—with the snazzy sabre-tooth tiger bikini, who lived in a homey cave with wall-to-wall moss flooring and cured his ailments with a home-brew of bat's wings, stagnant water, toadstools and other tasty items.

Chemistry Adds New Dimensions
He had no need of chemistry—but the world today does. Chemistry is at work everywhere, adding new dimensions to almost every aspect of life.

America's population reached 170,000,000 a few months back. April 8-12 is Chemical Progress Week. To the men and women of



CHEMISTRY-WHO NEEDS IT?

the chemicals industry the two events are closely tied together.

Chemical Progress Week is a time for surveying with pride the vast achievements of the industry. But it's also a time for looking to the challenge ahead—and the challenge directly ahead is a whopper.

The Union Carbide and Carbon

Feeding World Will Be One Of Big Challenges

Corporation is in the forefront with steps to meet the challenge. The research and production of UCC scientists has as one of its big objectives the improving of conditions for humanity and meeting the problems of the future.

200,000,000 Population Looms

Perhaps the biggest problem will be to feed the earth's rapidly growing population. Every morning of this year there will be 70,000 more mouths to feed at the world's breakfast table. Before too long—shortly after our "war babies" begin having babies of their own—America's population will reach 200,000,000.

According to agricultural experts, when that happens, Mid-West grain elevators will no longer bulge with huge surpluses. Every available acre will be cultivated, including a lot of land now considered useless. More water will be required for irrigation. New and more chemical fertilizers will be needed.

New Fertilizers Perfected

Scientists already have developed effective new fertilizers. Agricultural chemicals such as Carbide and Carbon Chemicals Company's Crag insecticides and fungicides will be used more and more to increase yields.

Much "marginal land" is used for sheep-grazing. Hundreds of thousands of acres are planted in cotton. If this land is needed for food production, the chemicals industry will be called on to make more and better synthetic fibers, such as Dynel and other fibers in the works at Carbide and Carbon Chemicals Company's laboratories, to substitute for wool and cotton.

Plastics To Replace Metal

Plastics, such as those marketed by Bakelite, will be called on to do jobs now done by metals. New alloys, possibly using titanium, may be needed when once-huge iron ore deposits are used up. Electromet and Haynes Stellite are leaders in this field. Linde's jet-piercing process is already being used to uncover previously inaccessible ore deposits.

The challenge is a big one, but no one doubts that the obstacles of the future can be overcome. And in the forefront of those doing the job will be the men and women of Union Carbide and the rest of the chemicals industry.

Safety Award Selections Must Be Made By Friday

Y-12ers eligible to receive individual safety awards for the 18th and 19th Union Carbide Safety Periods, each of more than 1,500,000 hours of plant operations without disabling injuries, are reminded that their selection cards must be turned in not later than Friday of this week, April 12. The 15 articles, from which two may be chosen, are on display at the Y-12 Cafeteria and also at portals and have been pictured in The Bulletin.

CHEMICAL INDUSTRY GROWS

The growth of the chemical industry in the United States since 1947 has been at an average rate of about seven per cent a year, compared with four per cent for all industry.

TIME for CLEAN-UP



Y-12ers Get Start On Clean-Up Week Program In Plant

Inspections Are Made To Reveal And Remove All Accident Hazards

Y-12ers apparently are not waiting for the official Spring Clean-Up Week observance from April 21 through April 27 to launch activities throughout the plant to eliminate fire and safety hazards. Inspections already have been made in many work areas and steps to remove unsightly and dangerous trash and rubbish in the campaign to make the Y-12 Plant Area a safer as well as cleaner place in which to work already have been taken.

In a message to all Y-12ers, Y-12 Plant Superintendent John P. Murray stated:

Progress Being Made

"All supervisors should coordinate their efforts during this week and clean up their areas both inside and outside buildings. Progress has been made in some areas to make the plant more attractive and rubbish free, but much remains to be done before the job is complete. Each division and department in the plant should make every effort to remove all excess material which could be a fire or accident hazard."

The Maintenance Division already has arranged for removal of trash and rubbish from all sections of the plant when it is assembled at a designated pickup point.

Telephone numbers for Y-12ers in various areas of the plant to call for the trash pickup service are:

Bldg. 9212 Area	7254
ADP Area	7156
Y-12, ORNL Areas	7141
General Area	7253

In the Y-12 Plant Area the clean-up activities should begin with the individual employee in cleaning up his immediate work area, and keeping it clean. Divisional and departmental inspection committees also are urged to give especial attention to offices, locker rooms and lockers, work shops, tool rooms, boiler rooms, vaults, laboratories, aisles, exits and stairways, access to fire fighting equipment, attics and basements, loading platforms and docks and premises around buildings.

Should Take Up At Meetings

Parts of all safety meetings before and during the Clean-Up Week observance should be de-

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
26 Days Or
803,842 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through April 7
Phone 7755
For Daily Report
On Accident-Free Hours



DEBT-FREE PAPERS ON AN OAK RIDGE HOME are handed Mrs. Eulalia Finger, left, widow of "Johnny" Finger, well-known late Y-12er who died just 13 days after he had closed a loan with the Y-12 Employees Credit Union for purchase of the house. The Credit Union life insurance provision on all of its loans cancelled the loan on the house, giving Mrs. Finger a free title. Giving the papers to Mrs. Finger are Mrs. Lorena Causey, treasurer of the Credit Union; and Paul Blakely, president of the organization.

Credit Union Insurance Is 'Real Windfall' To Give Widow Of Y-12er Debt-Free Home

Late Johnny Finger Signed Note Just 13 Days Before Death; Policy Prevails On All Loans

"A real windfall, that's what it was, a real windfall."

The speaker was an attractive and graying widow of only a few weeks with a son of just "the expensive age" speaking after receiving debt-free papers on a house her former husband had bought just 13 days before his death.

That was the experience of Mrs. Eulalia Finger, widow of Howard Johnson "Johnny" Finger, former popular Y-12er who died following a heart attack on January 30. Only 13 days before his unexpected death, Johnny had signed a loan note from the Y-12 Employees Credit Union with which to purchase a two-bedroom home at 680 West Outer Drive. While he and Mrs. Finger still were making plans to occupy the house, death stepped in.

Under other circumstances the blow of the breadwinner's death might have been tragic—financially. However, the loan provisions of the Y-12 Employees Credit Union provide life insurance to cover such usually unforeseen contingencies under its affiliation with the Credit Union National Association's Mutual Insurance Society. This insurance provides coverage for every borrower from the Y-12 Credit Union, including the home loans and personal loans, paying off all loan indebtedness in case

of death or permanent disability of the borrower.

So a few days ago Mrs. Finger received from Paul Blakely, president; and Lorena Causey, treasurer; of the Y-12 Employees Credit Union a debt-free deed to her property—and is going ahead with her original plans to occupy the house with her son, Mike, 12, a pupil at Robertsville Junior High School.

GOOD FRIDAY HOLIDAY PROVIDES LONG WEEK END

A long week-end holiday from Friday through Easter Sunday will be provided Y-12ers when the annual Good Friday holiday will be observed in the plant on Friday, April 19. Only those employees necessary for the continuous operation and protection of the plant will be scheduled to work on that holiday. The next Y-12 Plant holiday will fall on Memorial Day, Thursday, May 30.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
A Division Of
Union Carbide And Carbon
Corporation

GEORGE W. DOBBS . . . Editor

OFFICE

Post Office Box Y
Oak Ridge, Tenn.
Bldg. 9704-2 Room 228
Telephone 7751

Y-12ers Active In Club Of Carnegie Alumni

Several Are Officers; Meeting Set April 15

More than a dozen Y-12ers are active in the recently organized and rapidly growing Dale Carnegie Alumni Club in Oak Ridge and four are officers of the group, it was learned last week when the club announced plans for an interesting meeting to be held next Monday night, February 15, at the Jefferson Junior High School annex.

Jerry Hammit, of the Atomic Energy Commission, is president of the club. Other officers include Y-12ers Jack Case, superintendent of the Mechanical Operations Division, vice president; Bill Hackett, second vice president; Mary Cusman, secretary; and Mike Crews, vice chairman of the program committee. Other Y-12ers who have been active in advancing the young organization include Milton Dickens, Dick Loveless, John Brown, Guy Wells, Arthur Ogden, Paul Petretzky, Bertha Crowder and Roger Cloyde.

At the meeting next Monday night, all members attending will be given an opportunity to have their voices tape recorded and then played back to provide an opportunity to see how the voices sound when recorded. One of the objectives of the Dale Carnegie courses is to stress a proper and pleasing voice delivery.

There are about 50 former Dale Carnegie Course students in Oak Ridge and all are invited to join the new alumni club and attend the meeting next Monday night.

Writing Club For Y-12ers Proposed By Cal Lunsford

Formation of a Y-12 Writing Club for aspiring non-technical authors is a proposal offered by Calvin Lunsford, of the Research Services Department. Lunsford, who has done considerable writing and is acquainted with routines of submitting material for radio, moving pictures, television and fiction consumption, asks any Y-12er interested in such a project to communicate with him at Bldg. 9733-2, plant phone 7652. Membership in the proposed club would be for writers of fiction and other non-technical material who would like to market their work.

Physics Seminar To Hear Michigan Scientist Talk

A University of Michigan scientist will be the speaker when meetings of the Oak Ridge Physics Seminar resume on Friday afternoon of this week, April 12. The session will be at 3:15 p.m. in the auditorium of Bldg. 4500, the Oak Ridge National Laboratory research building.

The speaker will be G. R. Satchler, and his subject will be "Properties and Origin of the Optical and Shell-Model Potentials." Y-12 technical and scientific personnel interested in the topic are invited to attend the session.



"CURIOSITY" is the theme of both of the winning snapshots in the Y-12 Weekly Photographic Contest for the week ending April 5. J. H. Stewart, Production Analysis, snapped a group of high school students watching an animated "victim" of gas in the recent United States Army Chemical Corps exhibit of nerve gas in Oak Ridge, to take first prize. "What's In The Poke?" is the title of the second place picture, taken by Carl G. Brewster, Medical, of his son, Bradford, 3, investigating the contents of a large sack just arrived from the grocery.



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

D. C. Bowen, Steam Plant; Leonard R. Bledsoe, J. E. Boland and J. C. McBrayer, Research Services; E. F. Swaney, Beta Two; C. J. Mitchell and J. F. Dunlop, Mechanical; Robert W. Phillips, Development Operations; Grace A. Boyd, Product Processing; E. E. Ramsey, Buildings and Grounds; Mattie B. Wright, Janitors.

Square Dances Being Staged By Club In New Ballroom

The East Tennessee Riding Club has completed construction of its new ballroom on Tuskegee Road and is presenting square dances there every Saturday night from 9 p.m. to midnight, officials of the organization have announced. The new room is approximately 100 by 70 feet in size, has an orchestra stage and loud speakers available for all kinds of dances and other meetings.

The new Riding Club ballroom is available for charter to any Y-12 organization wanting to sponsor a social function of any kind. Persons interested in renting the hall may obtain full information from I. G. Shotts, Time-keeping, phone 7-8442; Roy Smith, Beta Two, phone 7040; N. L. Derryberry, Electrical Maintenance, phone 7244; and M. D. Varnadore, Buildings and Grounds, phone 7539.

To get to the bottom of things, don't fall down stairs. Walk slowly and use the handrail.



Baseball spring training note—Sweet Adeline still sounds better when the basses are loaded.

INDUSTRIAL RELATIONS

Capt. Raymond Ledford, of the Guard Department, is expected to be welcomed back on the job this week after a month of illness.

Lee Bagwell, the Saachem of Safety, still was on the misery list last week and get well wishes were dispatched to him down Norwood way.

FINANCE AND MATERIALS

Stores hopes for a rapid recovery for E. S. Tipton, who is recuperating at home after an operation at Ft. Sanders Presbyterian Hospital in Knoxville. Among vacationers are G. L. Unthank and T. B. Phillips.

S. A. Copeland, Property, is vacationing for a couple of weeks at home in Oak Ridge.

The Mail Room extends condolences to J. D. Raulston, whose brother died recently.

Martha Parks, Plant Records, is a vacationer this week.

Production Inspection hopes P. P. Huffman quickly recovers from his recent operation. Also that J. E. Cooley gets rid of that flu bug. Frank Gragg and B. A. Murr are vacationing together with a fishing trip to Holston Lake on the itinerary.

Julia Pressnell, Tabulating Services, is vacationing at Daytona Beach. Phyllis Johnson took herself off for Noo Yawk to attend an IBM 704 school. Leland Carden enjoyed the Spring Formal at Tennessee Wesleyan College at Athens recently. Oscar Blevins has qualified for the Proud Pops Club by reporting a new son, Gary DeLance, born March 30. The department rolled out its best welcome mat March 25 for Donna Matlock, a newcomer to the group.

SS Control is happy that Joe Beever is so happy over that new motor vehicle of his. Virginia Williams is welcomed back after the addition to her family. Ruby O'Kain was honored with a shower recently at the home of Madeline Franklin.

Quality Control welcomes Joe Reavis to the department.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

Fishing and farming will be the vacation activities of C. A. Cox and E. B. Cox, of General Utilities. Jackie Ford will go to Gate City, Va., to attend the wedding of a cousin. Get well wishes to the wife of A. C. Wampler, in St. Mary's Hospital, Knoxville.

The Steam Plant sends rapid recovery wishes to D. C. Bowen, ill in Oak Ridge Hospital.

The Shift Superintendents Office extends a warm welcome to G. J. "Gus" Angele, recently transferred from Engineering. Vic Defenderfer, B Shift assistant superintendent, is welcomed back after a stay in Oak Ridge Hospital.

ALLOY

Alpha Four anglers are getting in their licks—W. G. Rains is spending a week over at Center Hill. So is Eddie Stair and his wife, Betty. J. E. Irwin is trying out the Andersonville waters. It all depends on size, probably—Neal Dow was tickled with his catch of six on a recent piscatorial foray, while Glen Mowery was glum over 26. Otis Tinnell spent his time off gardening. C. Massengale took a trip to Dayton, Ohio, and A. M. Stephens journeyed up to New York. Barbara Guettner is welcomed back after a siege of sickness. Also greeted after three weeks away recovering from traffic accident injuries was J. T. Calhoun.

Carl Melton is spending his vacation taking care of his ill wife, to whom the department sends get well wishes. New Pops run in threes—not triplets—with Marshall Rickard reporting a baby girl, Renei, weighing five pounds, 15 ounces when born at Harriman March 27; E. J. Yearwood is bragging on his new son, Darrell James; and Guy Smith is mighty happy over his new daughter—congratulations to all.

J. R. Lindsey, Beta Two, is vacationing at home on Ball Camp Pike. J. C. Wilson is back from his vacation at home in Lake City and R. L. Stanfill has returned from his rest at home in Karns.

Alpha Five reports A. W. Brown vacationing at home last week taking care of his new son born March 28 at St. Mary's Hospital weighing six pounds, 14 ounces and named Richard Doyle. The lodge is glad to hear that George Evans is feeling fine at home where he is recovering from a recent operation.

MAINTENANCE

Process Maintenance reports L. T. Sliger is basking in Daytona Beach sun for a couple of weeks. F. E. Day is staying at home in Powell. At unreported destinations are C. J. Maddux, H. P. Pemberton, J. C. Ryall, V. R. Hubbard and E. Lamb. Condolences are extended C. B. Davis, whose father-in-law died recently. R. A. Hubbard has been called to Mississippi because of the serious illness of his father and carries best get well wishes along with him for his parent. Rapid recovery wishes also go to J. C. Knisley in a Knoxville hospital. Likewise to E. Mullins and A. P. Wippel, also ailing. M. Whited is welcomed back and reports his wife, who spent two weeks in Johns Hopkins Hospital at Baltimore, is back home and doing fine. C Shifters still are talking about that close rodeo race for biggest bass with Bill Rains beating Frank Blair by two pounds, two ounces to two pounds, one ounce—maybe Blair should have used a fatter minnow.

Maintenance Planning rolled out the welcome mat last week to newcomer Mary Williams. Likewise to C. L. Matthews, returning to the department.

Get well wishes are sent by Research Services to the father of C. G. Hubbard. Likewise to D. J. Woods, L. R. Bledsoe, W. V. Yaden, L. M. Thompson, E. T. Wallace and V. Morphis, also ailing. Vacationers are V. W. Arms, C. E. Harris, J. E. Hammond and C. L. Crawford.

TECHNICAL

Congratulations are in order for Tom McGrew, Laboratory Operations, and his wife, Martha, a former employee, on the birth a few days ago of a son, Ronald Glen.

Maggie Bloomer, Production Analysis, week ended in Gate City, Va. Doyle Martin was over in Oneida, Tenn., at the same time. Rose Price spent the past week end down in Meridian, Miss. Deborah Hubbs is spending a week seeing sights on the Florida West Coast. Get well wishes to R. T. Goodpasture, on the sick list. Oh, say, have you heard about the houseboat the aforesaid Doyle Martin and Gene Foster are building—it's to be called the "Queen Mary."

Special Testing is glad to hear that the father of Katy Sells is rapidly recovering from his illness.

Week-end visits by D Shifters on Production Assay are noted—to wit—Ule Helton at Clinton visiting her parents. Elizabeth Hayes with her parents in Virginia. Virginit Hill wandered off to Gatlinburg.

W. U. Pokela, Process Engineer—Continued on Page 4



LITTLE MAN—BIG FISH. Above is Thomas Eugene Miller, son of B. L. Miller, A Mechanical Operations, who doesn't let his dad do all the fishing in the family, as is revealed in the picture showing the youngster with a blue gill caught at Norris.

E. C. Miller Speaker At Welding Meeting

Last Technical Session Of Season Set April 15

The last technical meeting of the season for the Northeast Tennessee Section of the American Welding Society will be held next Monday night, April 15, at Spike's Cafe at Farrport, adjacent to the McGhee-Tyson Airport on the Knoxville-Alcoa Highway. The technical meeting at 8 o'clock will follow a country ham dinner at 7:30 o'clock and all Y-12 members of the section are urged to attend.

The guest speaker will be E. C. Miller, whose subject will be "Code Fabrication of a Nuclear Reactor Vessel." Miller is superintendent of the Inspection Engineering Department, Oak Ridge National Laboratory and has had several years experience in reactor development metallurgy and also in the field of operation and non-ferrous metallurgical development with smelting plants in Pennsylvania and Montana. He is a past chairman of the AWS section and now is Southeast District chairman.

The May meeting of the AWS section will be a social affair and further information will be announced in the near future.

Accountants To Hear Talk By Carolina Man April 16

David A. Hackney, assistant treasurer of Threads, Inc., Gas-tonia, N. C., will speak at a meeting of the Knoxville-Oak Ridge Chapter of the National Association of Cost Accountants at 6:30 o'clock next Tuesday night, April 16. The meeting will be at the Farragut Hotel, Knoxville.

Hackney is a member of the NACA and past president of the Charlotte, N. C., Chapter. Before and after World War II he spent several years in public accounting and for most of the time he specialized in installation and revision of cost accounting systems for manufacturing companies.

Careful with a car full.

**HAVE YOU
GIVEN TO
EASTER SEALS?**

National Society
for
Crippled Children
and Adults
11 So. LaSalle, Chicago 3

First Y-12 Golf Tournament Of Season Set For Ridge April 27

The Y-12 golf tournament season will officially be opened on Saturday, April 27, at the Oak Ridge Golf and Country Club, and from advance interest in the event a large turnout of divot diggers is expected to turn out for the competition. Contestants will begin hostilities at tee off time at 7 a.m. and all should be under way not later than 9 a.m.

A feature of the tournament will

be a hole-in-one contest on No. 3, with the three golfers pitching nearest the pin to be awarded prizes.

Following the popular pattern of last season, entrants will be divided into three divisions, based on handicaps prevailing at the end of the 1956 season. In Division No. 1 will be players with handicaps through 12. Golfers with handicaps from 13 through 22 will be

placed in Division No. 2, while Division No. 3 will include those with handicaps of from 23 through 36.

The handicaps will be issued by the official scorer at the No. 1 tee on the morning of the tournament.

Prizes of golf balls will be awarded in a wide variety of classes. In Division No. 1 prizes

will be awarded low and second place scratch and handicap scores for the 18 holes, low scratch and second low scratch for the first nine holes. In the other two divisions the same prizes will be awarded and in addition the third low scratch and handicap players will be rewarded.

The green fee for the tournament will be \$3.

14 Teams Enter Ridge Golf League; Play Starts April 24

With at least 14 teams reported ready for action compared to only 10 last season, the Oak Ridge Golf League for Y-12ers was organized last Thursday and made plans to start competition on Wednesday, April 24, at the Oak Ridge Golf and Country Club. With two or three two-man teams believed wanting to enter the circuit, the rolls will be held open until 4:30 o'clock next Monday afternoon, April 15, set as the deadline for entering.

Meetings for organization of other golf leagues for Y-12 players in nearby communities have been set as follows:

Harriman, Thursday, April 11.

Whittle Springs, Knoxville, Tuesday, April 16.

Lenoir City, Thursday, April 18.

The meetings will be at 1:30 p.m. at the Recreation Department, Room 226, Bldg. 9704-2.

Arnold Tiller was elected president of the Oak Ridge Golf League last week. John Boyd was named vice president and J. P. Smith selected as secretary. Art Hines and Bob Orrison will, with the officers, serve as a protest board.

Many of the two-man combinations that played together last year will be back in harness this season. The teams entering the loop last week were C. E. Harris-Bob Orrison, John Thompson-R. Dehoney, J. E. Bartholomew-J. P. Smith, J. H. Boyd-George Oliphant, D. D. Stroud-Arnold Tiller, I. G. Speas-L. B. Cabe, Harold Ratjen-John Snyder, Logan Emlert-Art Hines, Rudy Pletz-Roy Roberts, Jack McLendon-Gentry Underwood, Charley Peterson-Sewell Brown, George Mitchell-Nelson Tibbatts, O. E. Gilcrease-Karl Kahley and Jay Holzknecht-Paddy Peckman.

B Shift Rodeo Set For Thursday

Anglers of the Y-12 B Shift will try the fishing at Blue Springs Boat Dock south of Kingston on State Road No. 58 tomorrow, Thursday, April 11, in the shift's first fishing rodeo of the season. Prizes will be awarded for the largest bass and crappie caught

Y-12er And 'CD' Dog Helping In Obedience Training Class



WHITE PRINCE of Heathermoore, C.D., a rare snow white German shepherd dog, is shown here holding a dumb bell used in retrieving exercises in advanced dog obedience trials with his owner-handler, Sid Holder, of the Y-12 Development Operations Department.

Snow-White Shepherd Has Excellent Record

A striking, snow white German shepherd dog and his owner-trainer, Sid Holder, a Y-12er in the Development Operations Department, are playing leading roles in the spring obedience classes for dogs being conducted in Knoxville. The classes open at 7:30 o'clock tonight, Wednesday, April 10, at the livestock judging arena at Chilhowee Park, and will continue for 12 weeks.

Many Oak Ridge dog owners have expressed interest in the class and Holder urges that anyone wanting to enter their pets in the obedience training program should enroll them not later than the second class session at 7:30 p.m. next Wednesday, April 17. Too much ground in training will be lost by later enrollments, the Y-12er said, for both dog and owner.

After the class organizational meeting there were about 10 vacancies to be filled, Holder said.

Earned In Three Trials

Holder is serving as a trainer during the course and his handsome and husky dog, White Prince of Heathermoore, C.D., is performing as the model dog in the classes. That C.D. "degree" stands for Companion Dog, and was earned by the Prince in his first three straight obedience trials in licensed American Kennel Club trials.

To win the Companion Dog degree is quite a feat requiring intelligence on the part of the dog and patience and cooperation by the trainer. At the last Atlanta, Ga., Kennel Club Show and Obedience Trial, White Prince scored the highest number of points ever posted by an Oak Ridge dog in a single trial—197 out of a possible 200. Harriet Schacht, a nationally-known judge, judged this trial in which 17 dogs were entered in the Novice "A" Class alone, in which White Prince competed.

To qualify for the C. D. rating a dog must score at least 170 out of a possible 200 points and not less than 50 per cent in any one of the six exercises required.

Next Step More Advanced

The next step up for White Prince is competition for the Companion Dog Excellent, C.D.X., title. This involves advance training and includes retrieving on the flat and over a high hurdle, broad jumping, dropping on recall, heeling free and around a Figure Eight, a long sit for three minutes and a long down for five minutes out of sight of the handler. White Prince has one of three legs required for this title in a Chattanooga A.K.C. licensed trial when he scored 188 points out of a possible 200 to lead all dogs from Middle-East Tennessee in the Open Class A.

Holder points out that the snow white German shepherd is an extremely rare animal, and although the configuration of such dogs might be perfect from a show standpoint, judges shy away from such entries. That is why White Prince, who answers to the call of "Buff," has not been entered in a bench show. The white German shepherd is not an albino, having dark eyes, nose and gums.

Bumpers, Screwballs Continue Sizzling Battle In Classic

The Bumpers and Screwballs continued their sizzling race for leadership in the third and final round of play in the Classic League of Y-12 Plant bowlers last week, each turning in four-point whitewash wins. The Bumpers ripped the Rippers for a whitewash, dealing a heavy blow to the losers. The Screwballs blanked the last place Cubs for their triumph. In other matches the Playboys walloped the Wolves, the Rebels routed the All Stars and the Tigers trounced the Has Beens, each by three points; and the Swingsters stung the Wasps for two and one-half points.

Veteran Ernie Cobble, of the Bumpers, had a fine night on the hardwood with a 582 scratch and 654 handicap series. Another veteran, Roy Roberts, of the Has Beens, posted a 208 scratch game and Cubby, Screwballs, a 242 handicap game for best of the night. In team scoring, the Screwballs were tops in handicap scoring with a 1015 game and 3018 series. The Rebels had the top scratch series of 2500 and the Bumpers the best scratch game of 863.

League standing follows:

Team	W	L
Bumpers	25	7
Screwballs	24	8
Rippers	20	12
Swingsters	18 1/2	13 1/2
Playboys	18	14
Has Beens	16	16
Wasps	15 1/2	16 1/2
Rebels	14	18
Wolves	13	19
All Stars	10	22
Tigers	10	22
Cubs	8	24

Pin Cats Threaten Lead Of Clippers

Although the Clippers returned to winning form in the Mixed League of Y-12 men and women bowlers last week with a three-point win over the Scrappers, their first place lead was cut by the Pin Cats with a four point forfeit credit. The Oleos picked up four points in the same manner and in the other live match the Units took three from the Nip and Tucks.

The Clippers romped off with three team scoring honors with a 575 scratch game, 1719 scratch and 2244 handicap series. The Pin Cats rolled a 770 handicap game. H. O. Runge, of the Units, had best individual series scores of 645 scratch and 597 handicap. Joyce Powers, of the Pin Cats, rolled a 225 handicap game for tops and Herb Oliver, Scrappers, had a 181 scratch game for the best of the night.

League standing follows:

Team	W	L
Clippers	41	15
Pin Cats	38	18
Units	35	21
Scrappers	32	24
Nip and Tucks	30	26
Oleos	26	30

In your Home, Sweet Home make sure there is no room for falls.



Y-12 Alley Teams Among Leaders In All-Carbide

Women Second, Third; Men's Outfits Finish Third and Seventh

Y-12 feminine bowling teams finished second and third among 12 outfits in the All Carbide Bowling Tournament last week end at the Oak Terrace alleys and men's teams placed third and seventh in a field of 57 in handicap scoring.

Scrappers, Units Triumph

The Y-12 distaff keglers in second place were the Scrappers with 2822 while the Units were third with 2757. These were the only two Y-12 feminine teams entered in the event. The Tides, of Oak Ridge National Laboratory, won both handicap and scratch honors with 2922 and 2253. The fourth place handicap team in this division was the Purchaseettes, of K-25, with 2707.

The top Y-12 team in the men's division and in third place in the tournament was the Sure Shots, of the Evening Shift League, with a score of 2981. In seventh place in the tournament and second for Y-12 was the Has Beens, of the Classic League, with 2895. The top handicap men's team was the Alley Cats, of K-25, with 3028 while the top scratch team was another K-25 team, the Dixiecrats, which posted 2545. This team was sixth in handicap with 2914.

How Others Finished

The remainder of the first 12 men's teams in handicap scoring were:

Fire Balls, ORNL, second, 2996; Bums, ORNL, fourth, 2967; K-33, B Shift, K-25, fifth, 2946; City Slickers, K-25, eighth, 2893; Pin Splitters, ORNL, ninth, 2891; Pinions, K-25, 10th, 2890; Rookies, K-25, 11th, 2875; and Cannon Balls, K-25, 12th, 2871.

A scattering of singles and doubles were rolled last week end but the majority of these matches are slated for this week end.

Alley Cats Preserve Evening Loop Lead

The Alley Cats preserved their slim one-point lead in the torrid Evening Shift Bowling League in matches reported last week by taking three points from the King Pins. However, the Do Littles kept pace by winning by the same margin from the Sure Shots, and sweeping all team scoring honors while doing so. The Hot Shots also bagged a three-point win with the Gutter Ballers being the victims.

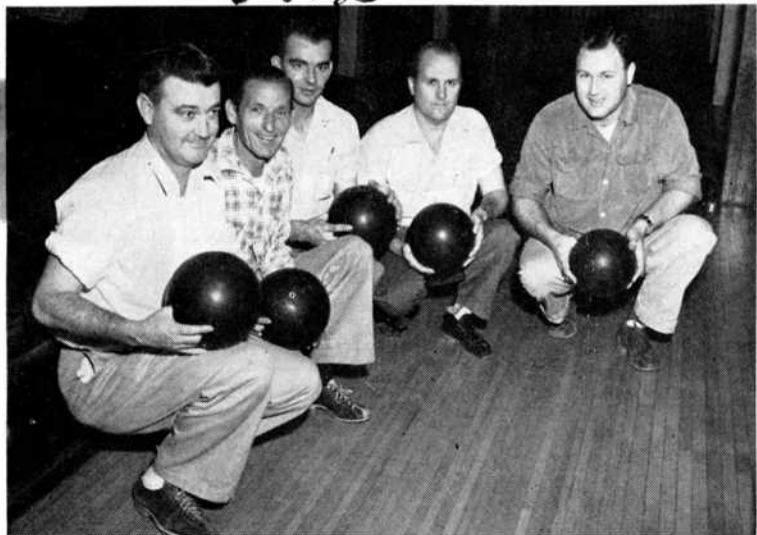
The Do Littles posted scores of 749, 969, 2177 and 2837 across the board. In individual scoring Reed, Sure Shots, had the best scratch scores of a 201 game and 521 series. Fincher, Do Littles, was high scratch game with 235 and Meadows, Sure Shots, tops with a 622 handicap series.

League standing follows:

Team	W	L
Alley Cats	29	15
Do Littles	28	16
Sure Shots	22	22
Hot Shots	19	25
Gutter Ballers	19	25
King Pins	15	29

Fish Giggling Legal During April, May

The giggling, bow and arrow and spear gun fishing season now is open in Tennessee, according to the State Game and Fish Commission, and will continue through May. Taking of fish by such means during daylight hours only will be per mitted on Ft. Loudoun, South Holston, Wautauga, Douglas, Norris, Cherokee, Center Hill, Dale Hollow and other East Tennessee fishing spots.



THESE ALLEY CATS HAVE BEEN PROWLING around the top of the Evening Shift Bowling League standings for the entire season and for the past three weeks have been on top. From left are W. E. Hodge, J. P. Murray, Team Capt. G. D. Butters, W. D. Cunningham and J. C. Proctor.

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Continued from Page 2

ing, vacationed with kin folks in Waukegan, Ill., last week . . . Joe Lister, a dental student at Emory University, Atlanta, Ga., spent his spring holidays with his mother, Mildred Lister.

Piping and Civil-Architectural Engineering rolled out the welcome mat to greet Donald Platz last week.

Mechanical Engineering has lots to report—folks over thataway are glad to have Russ Hensley back after a week's illness . . . Also much hand-shaking was done to welcome Morris Clark to the department . . . Art Brewer chose to stay at home to start building a family room to his abode rather than take off for Daytona Beach . . . M. B. Hilton has been busy building a fence around his vegetable garden to keep his onions out of the cows . . .

Project Engineering is happy to have Wells Stanley as a part of the group—he formerly was at K-25.

MECHANICAL OPERATIONS

G. C. Lay still is receiving get well wishes from A Mechanical Operations . . . E. L. Pugh and S. M. Pinture are back from vacations.

J. B. Loy, B Mechanical Operations, is the Proud Pop of a son, Michael, born at Ft. Sanders Hospital March 23 . . . J. R. Lawley, also a newcomer to the Proud Pop Club, spent last week getting acquainted with his new daughter . . . H. E. Cornell is welcomed back after being off sick for a week and get well wishes are sent L. L. Goss, ill at his home in Crossville . . . W. R. Coats visited his sister in Kingsport over a recent week end.

B. A. Murr, C Mechanical Operations, has been doing a lot of vacation fishing up around Bristol . . . R. E. Jones and family have moved over to Kingston . . . C. W. Wise is vacationing at his Kingsport home.

General Machine Shop extends condolences to E. G. Garner, whose sister, Mrs. Cynthia A. Myers, died at her home in Lansing, Mich., April 2 . . . Best good luck wishes go to T. E. Brantley, who is to undergo an eye operation this week at LaFollette . . . Russ Allstun is taking a week of vacation at his home in Kingston . . . R. B. Carter was a vacationer last week at home in Oliver Springs . . . A warm welcome back was extended last week to Walt Sherrod, A. L. Cardwell, Tom Webber and C. C. Chamberlain, all of whom have been out ailing of late.

"Remember, my friends, there will be no buying and selling in heaven," said the minister in warning his flock on the evils of avarice.

"Huh," grumbled the man on the back pew, "that ain't where business has gone anyway."

All right, all right—that's where the Colyum Conductor will go—he's just had the business.

Remember—Only you can
PREVENT FOREST FIRES!

Promotions Revealed By Divisions of UCC

Ore Company, Silicones Appointments Made

Two important appointments of interest to many Union Carbide Nuclear Company employees here in Oak Ridge have been made in two Divisions of Union Carbide and Carbon Corporation.

Spedden Gets Research Post

H. Rush Spedden has been appointed Director of Research of Union Carbide Ore Company, a Division of Union Carbide and Carbon Corporation, it has been announced by F. L. Shanklin, President. He will be responsible for Union Carbide Ore Company's operations in the Corporation's Nuclear Research Center in Sterling Forest, N. Y., plans for which were announced recently. At Sterling Forest the Ore Company's research work will cover the entire range of activities from mineralogy and geology to new mineral prospecting methods. Other work will be concerned with research on extracting metals from ore bodies.

Since 1952, Spedden has been in charge of the Minerals Research Department of the Corporation's Research Laboratories at Niagara Falls, N. Y. He is a native of Colville, Wash. He received the degree of B.S. in mining engineering at the University of Washington and the M.S. degree from the Montana School of Mines.

Abrams Is Made Manager

Another appointment was that of R. S. Abrams as Manager of Production and Engineering for the Silicones Division, according to W. B. Humes, President of this Division of UCC.

Abrams joined the Union Carbide organization in 1941 when he went to work for Linde Air Products Company, a Division of the Corporation, in Tonawanda, N. Y. From 1943 to 1946 he held various positions at Linde's Ceramics Plant there under the Army's Manhattan District project. He was transferred to Chicago in 1946 as Superintendent of Linde's alum plant. In 1947, he returned to Tonawanda to work on various aspects of silicone research, development, design and plant operation. He became Manager of the silicones plant at Long Reach, W. Va., in 1955.

He was raised in Minneapolis, Minn. He received the degrees of B.S. and M.S. in chemical engineering from the University of Minnesota.

Riflemen Of Y-12 Help Ridgers Win

Four Y-12 riflemen were on the Oak Ridge Sportsmen's Association team that defeated the University of Tennessee team last Thursday at Oak Ridge by 920 to 904. Each team now has won two matches in a close rivalry.

A. A. Abbatiello, Oak Ridge; and Pressley Kendall, U-T; tied at 190 for high guns of the match. The Y-12ers firing were R. L. Vanderpool 183, C. G. Brewster 180, W. B. Davis 176 and M. W. McGuffin 170.



Y-12ERS LONG HAVE BEEN PROMINENT IN ACTIVITIES of the Knoxville-Oak Ridge Chapter, American Society of Tool Engineers, and at the recent installation of officers and 25th anniversary meeting several were elected and appointed to office for the year. At right are W. E. Green, chairman; and R. Y. Drumwright, secretary, both Y-12ers. Above are, from left, R. O. Deadrick, retiring chairman; former Knoxville Mayor George Dempster, guest speaker; R. C. Prueitt, Knoxville, first vice chairman; Nora Hurst, retiring secretary; J. L. Gilliam, membership chairman; H. E. Alvey, publicity chairman; and Ernest Kennedy, alternate delegate; the latter four being Y-12ers. Not pictured are Jack Robertson, Knoxville, delegate; James Slagle, Knoxville, treasurer; and Harold Cole, Johnson City, second vice chairman.



W. E. Green



R. Y. Drumwright

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

John H. Humphreys, General Utilities, April 11.

Cordell H. Dixon, Stores, April 15.

MONDAY NIGHT DEADLINE FOR INCOME TAX FILING

Next Monday, April 15, is an important deadline for all Y-12ers.

By 11:59 p.m. on that date income tax returns for 1956 must be in the mail or penalties prescribed by law will be incurred by delinquents.

If there are any late return filers among Y-12ers—better get busy right now—and don't forget to include the W-2 withholding forms—and be sure to put a stamp on the envelope.

Y-12ers Getting Start In Clean-Up Campaign

Continued from Page 1

voted to the subject and the safety advantages gained by keeping a clean plant should be stressed. At these meetings the location and proper use of fire extinguishers, fire alarm boxes and inside hose lines should be reviewed.

Divisional fire, safety and security coordinators and the Fire Prevention and Control Department are working together to coordinate the Spring Clean-Up Week activities with the objective of having a spic and span and safe plant at all times.

JUST LIKE U.S.A.

A recent news dispatch pointed out that living costs in Manila, capital city of the Philippine Islands, reached a four-year high level recently.

"You'll never," said the caterpillar seeing his first butterfly, "get ME up in one of those things."

Rides Wanted, Offered

Riders wanted from Oakwood Section, North Knoxville, to East, North, Central or West Portal, straight day. Nora Hurst, plant phone 7-8382, home phone 4-4964, Knoxville.

Ride wanted from Lenoir City to Central Portal, J Shift. W. P. Bonner, plant phone 7428, home phone 1852-W, Lenoir City.

Ride wanted or will join car pool from anywhere in Knoxville to any portal, D Shift. B. R. Clark, plant phone 7-8485, home phone 5-7441, Knoxville.

Ride wanted from Robin Lane, Oak Ridge, to Central Portal, straight day. Maud Guy, plant phone 7928, home phone 5-9388, Oak Ridge.

Two riders wanted from Chapman Highway, South Knoxville or West Haven to any portal, straight day. L. G. Cotter, plant phone 7904.

Robert Joffrey Dancers To Give Concert Thursday

A varied program of modern American musical comedy, Spanish and classic ballet dancing will be presented at 8:30 o'clock tomorrow night, Thursday, April 11, at the Oak Ridge High School auditorium by the Robert Joffrey Theater Dancers. The concert will be sponsored by the Oak Ridge Section of the National Council of Jewish Women.

The troupe leader, Robert Joffrey, will present the romantic ballet "Pas de Desses." Other members of the organization, all of whom have been soloists with ballet companies as well as on television, are Gerald Arpino, Glen Tetley and Beatrice Thimpkins.

It's better to have loved a short guy—than never to have loved a tall.

OLD FAVORITE DISHES ON SPECIAL LUNCHES

Two old favorite dishes are returned to the list of entrees on the Y-12 Cafeteria 50-cent Special Lunches for tomorrow, Thursday, April 11; and next Tuesday, April 16. Smoked beef tongue with raisin sauce will be the main dish tomorrow while on next Tuesday the entree will be codfish cakes with parsley cream sauce. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

